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Mucosal Expression of Type 2 and Type 17 Immune Response Genes Distinguishes Ulcerative Colitis From Colon-only Crohn's Disease in Treatmentnaïve Pediatric Patients

Michael J. Rosen, Rebekah Karns, Jefferson E. Vallance, Ramona Bezold, Amanda Waddell, Margaret H. Collins, Yael Haberman, Phillip Minar, Robert N. Baldassano, Jeffrey S. Hyams, Susan S. Baker, Richard Kellermayer, Joshua D. Noe, Anne M. Griffiths, Joel R. Rosh, Wallace V. Crandall, Melvin B. Heyman, David R. Mack, Michael D. Kappelman, James Markowitz, Dedrick E. Moulton, Neal S. Leleiko, Thomas D. Walters, Subra Kugathasan, Keith T. Wilson, Simon P. Hogan, Lee A. Denson

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ACCEPTED MANUSCRIPT

Mucosal Expression of Type 2 and Type 17 Immune Response Genes Distinguishes Ulcerative Colitis From Colon-only Crohn's Disease in Treatment-naïve Pediatric Patients

Short Title: Mucosal gene expression in pediatric colitis

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